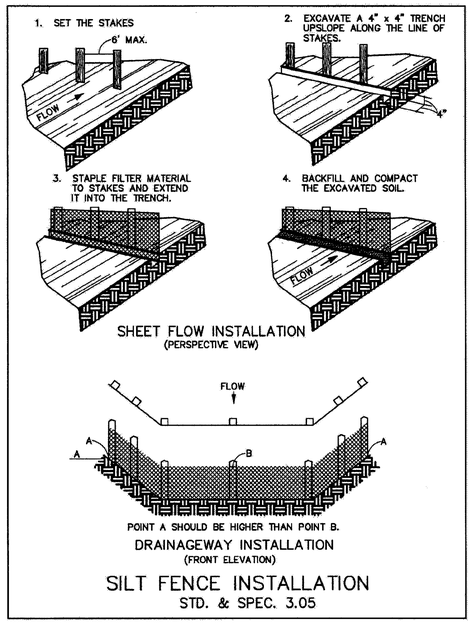
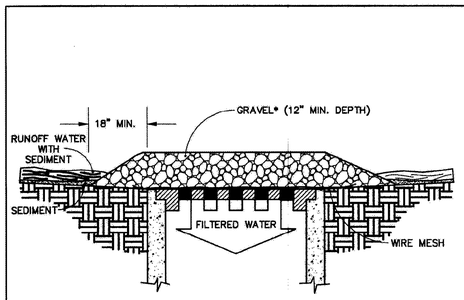
NOT FOR CONSTRUCTION



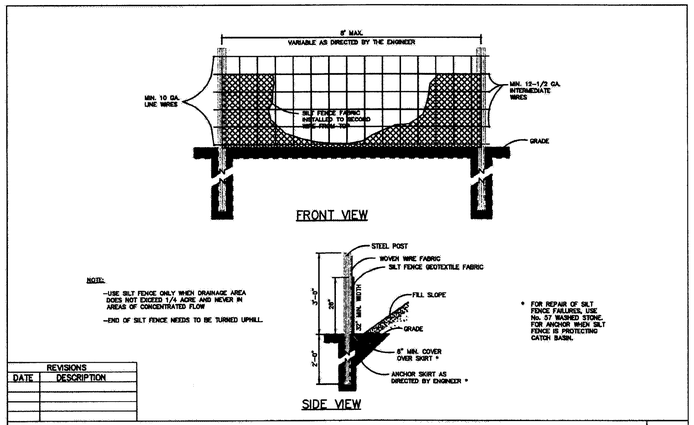
SILT FENCE INSTALLATION
STD. & SPEC. 3.05



* GRAVEL SHALL BE VDOT #3, #357 OR #5 COARSE AGGREGATE

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED, BUT NOT WHERE PONDING AROUND THE STRUCTURE MIGHT CAUSE EXCESSIVE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES AND UNPROTECTED AREAS.

GRAVEL AND WIRE MESH DROP INLET SEDIMENT FILTER
STD. & SPEC. 3.07-2



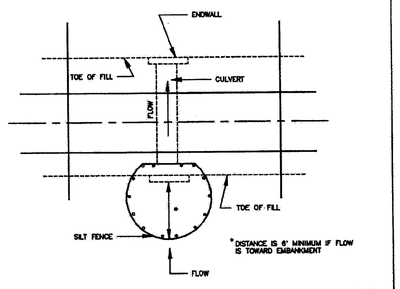
REVISIONS

DATE	DESCRIPTION

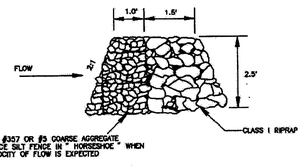
STANDARD TEMPORARY SILT FENCE | 1

1992 3.08

SILT FENCE CULVERT INLET PROTECTION



OPTIONAL STONE COMBINATION **

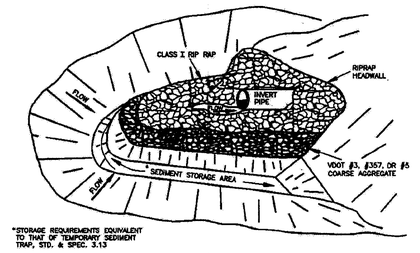


Source: Adapted from VDOT Standard Sheets and Va. DSWC

Plate 3.08-1

1992 3.08

CULVERT INLET SEDIMENT TRAP

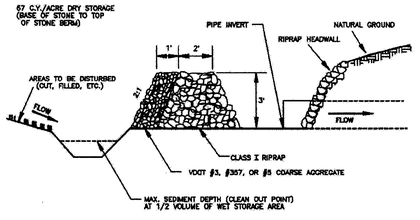


*STORAGE REQUIREMENTS EQUIVALENT TO THAT OF TEMPORARY SEDIMENT TRAP, STD. & SPEC. 3.13

67 C.Y./ACRE WET STORAGE (BELOW BASE OF STONE)

67 C.Y./ACRE DRY STORAGE (BASE OF STONE TO TOP OF STONE BERM)

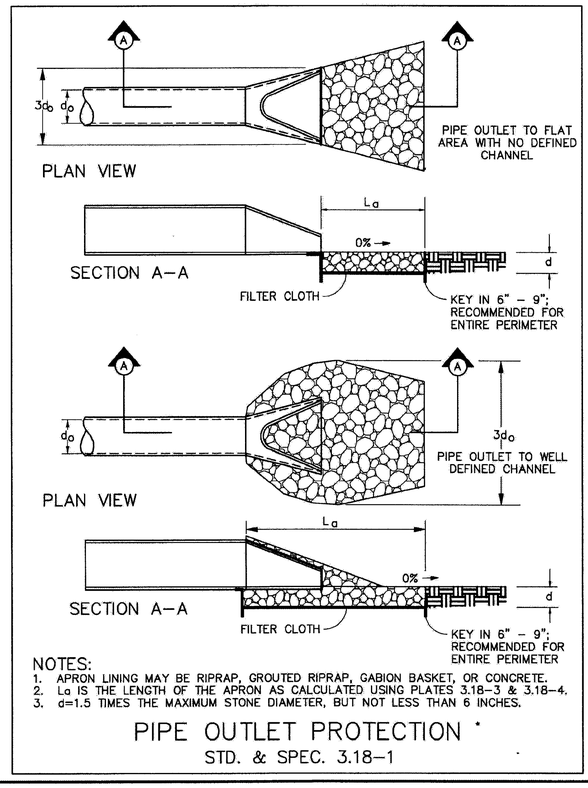
PERSPECTIVE VIEW



ELEVATION

Source: North Carolina Sediment Control Commission

Plate 3.08-2



NOTES:
1. APRON LINING MAY BE RIPRAP, GROUTED RIPRAP, GABION BASKET, OR CONCRETE.
2. La IS THE LENGTH OF THE APRON AS CALCULATED USING PLATES 3.18-3 & 3.18-4.
3. d=1.5 TIMES THE MAXIMUM STONE DIAMETER, BUT NOT LESS THAN 6 INCHES.

PIPE OUTLET PROTECTION *
STD. & SPEC. 3.18-1

MISS UTILITY OF VIRGINIA

1.800.552.7001

PRELIMINARY
FOR REVIEW ONLY
NOT FOR CONSTRUCTION PURPOSES

Kimley-Horn and Associates, Inc.

ENGINEER R. JOHN MARTIN
PE NO. 033711 DATE 3-29-07

REVISIONS

NO.	DATE	DESCRIPTION

Kimley-Horn and Associates, Inc.
©2006 KIMLEY-HORN AND ASSOCIATES, INC.
13221 Woodland Park Road
Suite 400
Herndon, Virginia
20171
Phone: 703-674-1300
Fax: 703-674-1350
Engineering, Planning, and Environmental Consultants

LOUDOUN COUNTY VIRGINIA 1757

SEDIMENT AND EROSION CONTROL DETAILS

NEERSVILLE VOLUNTEER FIRE AND RESCUE STATION
11762 HARPER'S FERRY ROAD
PURCELLVILLE, VA 20132

COMMONWEALTH OF VIRGINIA
R. JOHN MARTIN
No. 033711
PROFESSIONAL ENGINEER

SCALE: NTS
DRAWN BY: LMG
DESIGNED BY: LMG
CHECKED BY: RJM
DATE: 3-29-07

C2.1

File Name: 0910003lls.dwg

T:\100091000 - Neersville FS\Dwg\SP\0910003lls.dwg, Layout: C2.1
XREFS: 0910003ltb.dwg, 0910003ltp.dwg, 0910003lsp.dwg
Apr 05, 2007 lauren.ginger
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